AMENDMENT(S) TO THE CLAIMS

1. (Currently Amended) An orthopaedic reamer for cutting bone, comprising:

a rotatable shaft; and

a cutting head coupled with said shaft, said cutting head including a distal face with a radius and a plurality of cutting teeth, each said cutting tooth including a pair of opposed side

5   walls extending from said distal face and a cutting edge extending between said side walls, each said cutting edge including ~~at least three adjoining segments, each said segment having a radius which is less than the radius of the distal face~~ two corner segments and a center segment extending between said corner segments, said center segments being positioned relative to each other to form a cutting profile at a substantially constant distance from said distal face of said

10   cutting head.

2. (Currently Amended) The orthopaedic reamer of claim 1, wherein ~~each said cutting edge includes two corner segments and a center segment extending between said corner segments,~~ said center segment ~~having~~ has a radius which is greater than a radius of said corner segments.

3. (Currently Amended) The orthopaedic reamer of claim 1, wherein ~~each said cutting edge includes at least two corner segments and at least one center segment extending between said corner segments,~~ said at least one center segment ~~having~~ has a radius which is greater than a radius of said corner segments.

4. (Original) The orthopaedic reamer of claim 1, wherein said distal face has a radius of between approximately 15 mm and 40 mm, and each said segment has a radius of between

approximately 14 mm and 39 mm.

5. (Original) The orthopaedic reamer of claim 1, wherein each said cutting tooth includes a ramped portion extending between said cutting edge and said distal face.

6. (Original) The orthopaedic reamer of claim 5, wherein said ramped portion also extends between said side walls.

7. (Original) The orthopaedic reamer of claim 1, wherein each said cutting tooth is formed using a punching operation.

8. (Original) The orthopaedic reamer of claim 1, wherein said distal face is generally hemispherical shaped.

9. (Currently Amended) A cutting head for an orthopaedic reamer, comprising a distal face with a radius and a plurality of cutting teeth, each said cutting tooth including a pair of opposed side walls extending from said distal face and a cutting edge extending between said side walls, each said cutting edge including at least three adjoining segments, each said segment having a radius which is less than the radius of the distal face two corner segments and a center segment extending between said corner segments, said center segments being positioned relative to each other to form a cutting profile at a substantially constant distance from said distal face of said cutting head.

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10. (Currently Amended) The cutting head of claim 9, wherein ~~each said cutting edge includes two corner segments and a center segment extending between said corner segments,~~ said center segment ~~having~~ has a radius which is greater than a radius of said corner segments.

11. (Currently Amended) The cutting head of claim 9, wherein ~~each said cutting edge includes at least two corner segments and at least one center segment extending between said corner segments,~~ said at least one center segment ~~having~~ has a radius which is greater than a radius of said corner segments.

12. (Original) The cutting head of claim 9, wherein said distal face has a radius of between approximately 15 mm and 40 mm, and each said segment has a radius of between approximately 14 mm and 39 mm.

13. (Original) The cutting head of claim 9, wherein each said cutting tooth includes a ramped portion extending between said cutting edge and said distal face.

14. (Original) The cutting head of claim 13, wherein said ramped portion also extends between said side walls.

15. (Original) The cutting head of claim 9, wherein each said cutting tooth is formed using a punching operation.

16. (Original) The cutting head of claim 9, wherein said distal face is generally hemispherical shaped.